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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/697,044	10/27/2000	Chun-Geun Choi	P56219RE	3709

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EXAMINER

SONG, HOSUK

ART UNIT	PAPER NUMBER
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2135

DATE MAILED: 03/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/697,044

Applicant(s)

CHOI, CHUN-GEUN

Examiner

Hosuk Song

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-61 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-22 and 25-61 is/are allowed.
- 6) ☒ Claim(s) 23 is/are rejected.
- 7) ☒ Claim(s) 24 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claim 23 remain rejected under 35 U.S.C. 102(b) as being anticipated by Beery(US 5,068,734).

Claim 23: Beery disclose a display device attachable to a computer, displaying an image in (fig.1). Beery disclose a circuit for converting electronic signals from computer into image in(fig.1). Beery disclose memory means for storing ID code data input via a user in (col.3,lines 34-45). Beery disclose a microcomputer for controlling display device responsive to a result of a comparison between an ID code input by user with ID code data stored in memory and for receiving signals from computer to control an operation of display device in (col.5,lines 5-16;col.8,lines 8-11-46-50 and fig.1,2).

Allowable Subject Matter

2. Claims 51,54,55-59,61 are allowed.

Claim 51: Prior art of record does not teach a microcomputer interrupting display in dependence upon a relation between selected ID code data and ID code data subsequently input by the user, while continuously controlling display based on control signals simultaneously provided by the computer concurrently with image information signals.

Claims 54,57: Prior art of record does not teach a microcomputer controlling display device in dependence upon a result of a comparison between an ID code input by user with ID

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code data stored in memory, while controlling operation of display device in conformance with signals concurrently received from source.

Claims 55,58: Prior art of record does not teach a second circuit stage operationally coupled to apply variably video signals to drive display device to display additional images in response to reception of a digital information signal; a third circuit stage supplying digital information signal to second circuit stage in dependence upon correspondence between stored identification code and a keyed identification code received from episodic entry by user of display device.

Claim 61: Prior art of record does not teach a microcomputer blocking display of variable visual image by display device responsively to a result of a comparison between an ID code input by user with ID code data stored in memory while controlling operation of display device in conformance with electronic signals simultaneously received from computer.

Claims 56,59 are allowed because of dependency.

Response to Applicant's Arguments

3. Claims 1-22,25-50,52-53,60 remain allowed from previous office action.

Claim 24 remains objected.

4. Applicant has argued that processor unit 34 receives no signals from system control processor. Furthermore, it is system control processor 30, rather than processing unit 34, that acts upon the first, second and third data sets. Additionally, neither processing unit 34 or system control processor 30 may be read as "converting electronic signals from computer into image" in view of the office attributed by Beery '734 to tuner 18. In response: Examiner disagrees. Beery's patent specifically shows system processing unit receives signals from system control processor in (fig.1,#30,32,22,18). Further, it is picture control, on-screen display control unit (fig.1,#12) converts electronic signals from system control processor(22) into image.

Claims 51,54,55-59,61 are allowed in view of applicant's arguments.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hosuk Song whose telephone number is 571-272-3857. The examiner can normally be reached on Tue-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HS

A handwritten signature in black ink, appearing to be "J. S. G." or similar, written in a cursive style.